INTANATIONAL SEARCH REPORT

Internal at Application No
PCT/EP2005/002243

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01M8/24 H01M8/02 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 HO1M Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data. PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Category ° Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. US 6 174 616 B1 (MARVIN RUSSEL H ET AL) χ 1 - 416 January 2001 (2001-01-16) abstract; figures 1,2,8,9,11,13 column 4, line 10 - line 53 column 5, line 34 - line 54 column 12, line 8 - column 14, line 57 X EP 1 220 347 A (MATSUSHITA ELECTRIC 1,2 INDUSTRIAL CO., LTD) 3 July 2002 (2002-07-03) abstract; figures 2,3 paragraphs '0015!, '0027! - '0029! US 4 292 379 A (KOTHMANN ET AL) Α 1-4 29 September 1981 (1981-09-29) column 2, line 67 - column 3, line 11: figure 1 Further documents are listed in the continuation of box C. Χ Patent family members are listed in annex. Special categories of cited documents: *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *O* document referring to an oral disclosure, use, exhibition or document published prior to the international filing date but tater than the priority date claimed "&" document member of the same patent family Date of the actual completion of the International search Date of mailing of the International search report 17 June 2005 24/06/2005 Name and mailing address of the ISA Authorized officer European Palent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016 Chmela, E

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Intern al Application No PCT/EP2005/002243

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	ation) DOCUMENTS CONSIDERED TO BE RELEVANT				
Category ^a	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.			
А	WO 01/71836 A (STICHTING ENERGIEONDERZOEK CENTRUM NEDERLAND; MALLANT, RONALD, KAREL,) 27 September 2001 (2001-09-27) cited in the application abstract; figures 1-4	1-4			
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PATENT COOPERATION TRE 'Y

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INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER		see Form PCT/ISA/220
P200	ACTION	as well	as, where applicable, item 5 below.
International application No.	International filing date (day/mor	nth/year)	(Earliest) Priority Date (day/month/year)
PCT/EP2005/002243	03/03/200	5	03/03/2004
Applicant			
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This International Search Report has been according to Article 18. A copy is being tra			nority and is transmitted to the applicant
This International Search Report consists	of a total ofs	heets.	
X It is also accompanied by	a copy of each prior art document	cited in this	report.
Basis of the report With regard to the language, the	international search was carried o	it on the bas	sis of the international application in the
language in which it was filed, unlo			are or the mematicinal application in the
The international this Authority (Rul		s of a transl	ation of the international application furnished to
b. With regard to any nucle d	otide and/or amino acid sequenc	e disclosed	in the international application, see Box No. I.
2. Certain claims were four	nd unsearchable (See Box II).		
3. Unity of invention is lack	king (see Box III).		
4. With regard to the title,			
X the text is approved as sul	bmitted by the applicant.		
the text has been establish	ned by this Authority to read as fol	ows:	
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6. With regard to the drawings,			
a. the figure of the drawings to be pu	ublished with the abstract is Figure	No. <u>1a</u>	
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INTERNATIONAL SEARCH REPORT

International Application No PCT/EP2005/002243

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H01M8/24 H01M H01M8/02 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 H01M Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Category ° Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. χ US 6 174 616 B1 (MARVIN RUSSEL H ET AL) 1 - 416 January 2001 (2001-01-16) abstract; figures 1,2,8,9,11,13 column 4, line 10 - line 53 column 5, line 34 - line 54 column 12, line 8 - column 14, line 57 EP 1 220 347 A (MATSUSHITA ELECTRIC 1,2 X INDUSTRIAL CO., LTD) 3 July 2002 (2002-07-03) abstract; figures 2,3 paragraphs '0015!, '0027! - '0029! US 4 292 379 A (KOTHMANN ET AL) 1 - 4Α 29 September 1981 (1981-09-29) column 2, line 67 - column 3, line 11; figure 1 -/--Patent family members are fisted in annex. Further documents are listed in the continuation of box C. X Special categories of cited documents: *T* later document published after the international filing date or priority date and not in conflict with the application but A" document defining the general state of the art which is not cited to understand the principle or theory underlying the considered to be of particular relevance invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled other means document published prior to the international filing date but later than the priority date claimed in the art. *&* document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 24/06/2005 17 June 2005 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Chmela, E Fax: (+31-70) 340-3016

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